

**Preliminary draft. July 14, 2011.**

Proposed Ammonia Effluent Limits for the City of Coeur d’Alene			
Parameter and Season	Units	Average Monthly Limit	Maximum Daily Limit
Ammonia (March – June)	lb/day	649	1547
Ammonia (July – September)	mg/L	6.59	15.7
	lb/day	330	786
Ammonia (October)	lb/day	525	1252
Ammonia (March – October)	lb/day	272 lb/day Seasonal Average	
Ammonia (November – February)	No limits. Monitor and report only.		

These limits are based on meeting Idaho water quality criteria for ammonia, for early life stages of fish, using the following assumptions:

- Acute mixing zone: 2.5% of the 1Q10 river flow (consistent with WA's mixing zone policy, WAC 173-201A-400(8)(a)(ii))
- Chronic mixing zone: 25% of the 30Q10 river flow (consistent with both ID's and WA's mixing zone policies)
- Background pH: 7.9 at all times
- Temperature: 17 °C October – June; 25 °C July - September